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(54) Title: STABLE OXIDATION RESISTANT POWDERED HEMOGLOBIN, METHODS OF PREPARING SAME, AND USES THEREOF

(57) Abstract: The present invention provides oxygenated hemoglobins in powdered form and methods of preparing a powdered form of a protein, such as hemoglobin, which comprise (a) mixing a solution of the protein with inulin, and optimally with a reducing sugar such as glucose or tagatose, and (b) drying the mixture. Also provided are blood substitutes formed from reconstituted powdered hemoglobins, and methods of treatment using the blood substitutes.